

EXCERPTA MEDICA Sec. 6 Vol. 11/10 Oct. 57
KAPSIOVÁ TEREZIE

6415. MAŘEŠOVÁ Z., KAPSIOVÁ T., KOBYLÍK J. and INDRA Z. III. Intern.
Klín, Karlovy Univ., Praha. "Vylučování uropepsinu u různých chorob.
The excretion of uropepsin in various diseases ČAS. LÉK.
ČES. 1956, 95/50 (1373-1378) Graphs 6 Tables 2

The rhythmic excretion of uropepsin is described, which is not affected by diet but is influenced by drugs having an action on gastric secretion (histamine, ACTH, caffeine etc.). The usefulness of these tests is stressed in the following conditions: mental abnormalities, post-resection syndrome, gastrointestinal haemorrhage, following the action of certain drugs, cachexia, pernicious anaemia, certain endocrine diseases, oesophageal stenosis. Determinations were made in 116 patients and 18 healthy subjects using the authors' modification of West's method.

KAPSKAYA, YE. I.

Kapskaya, Ye. I.

"The Effect of Mineral Water № 1 from the Truskavets Spa on the Secretory and Evacuator-Motor Functions of the Stomach (Experimental-Physiological Investigation.)" Kishinev State Medical Inst. Kishinev, 1955 (Dissertation for the degree of Candidate in Medical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955

MEL'MAN, Yu.P.; KAPSKAYA, Ye.I. [Kaps'ka, Ye.O.]; KLIPICH, V.I. [Klypych, V.I.]

Mechanism of interoceptive influences from organs of the lesser pelvis on stomach and kidneys. Report No.1: Conduction of afferent impulses through hypogastric nerves. *Fiziol.zhur.* [Ukr.] 5 no.4:461-470 Jl-Ag '59. (MIRA 12:11)

1. Stanislavskiy meditsinskiy institut, kafedry normal'noy anatomii, normal'noy fiziologii i gospital'noy khirurgii. (VISCHERA--INNervation)

MEL'MAN, Ye.P.; KAPSKAYA, Ye.I.

Extraspinal pathways of the reflex interrelationship of the
large and small intestine. Biul. eksp. i biol. med. 50
no. 8:28-32 Ag '60. (MIRA 13:10)

1. Iz kafedry anatomi (zav. - prof. Ye.P. Mel'man) i kafedry
fziologii (zav. - dotsent V.S. Raytsev) Stanislavskogo meditsin-
skogo instituta (dir. - dotsent G.A. Babenko). Predstavlena
deystv. chlenom AMN SSSR V.N. Chernigovskim.
(INTESTINES—INNERVATION) (REFLEXES)

KAPSKIY, S.K., inzhener.

Precast foundations for 3 to 5 story buildings. Biul.stroi.tekh.13 no.8:
19-20 Ag '56. (MLMA 9:10)

1.Serpukhovskoye otdeleniye Mosoblprojekta.
(Foundations) (Precast concrete construction)

KAPSKIY, Vladimir Antonovich; KORKOTSENKO, Dmitriy Ignat'yevich;
ZIMINA, M.V., red.; GARINA, T.D., tekhn. red.

[Struggle of the CPSU for the new upsurge in agriculture
in 1953-1961] Bor'ba KPSS za novyi pod'em sel'skogo kho-
ziaistva v 1953-1961 gg. Moskva, Gos. izd-vo "Vysshiaia
shkola," 1962. 174 p. (MIRA 15:2)
(Agriculture)

~~KAPSON, Aron-Borukhovich~~; BELYAYEV, I.M., redaktor; MAL'KOVA, N.V.,
tekhnicheskiy redaktor

[Planning operations at the road machinery station] Planirovanie
raboty v mashinodorozhnoi stantsii. Moskva, Nauchno-tekhn. izd-vo
avtotransp. lit-ry, 1956. 79 p.
(Road machinery)

Ca 8

Nicopol manganese ore deposits. Upper Tertiary microfauna. O. K. Kapitarenko-Chernousova. *J. geol. Acad. Sci. Ukrain. S. S. R.* 6, No. 1-2, 100-227 (in English, 221-3) (1939).—The faunal remains are few and indicate low salinity and frequent changes of external conditions of deposition. F. H. Rathmann

KAPTARENKO-CHERNOUSOVA, O. K.

Kaptaronko-Chernousova, O. K. "On the distribution of radiolaria in the Kiev formation and their significance", Geol. zhurnal, Vol. IX, Issue 4, 1943, p. 51-61, (In Ukrainian; resume in Russian), - Bibliog: 11 items.

SO: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

KAPTARENKO-CHERNOUSOVA, O.K.

Paleontology - Ukraine

Kiev stratum and elements of its paleogeography. Trudy Inst. geol. nauk AN URSR.
Ser. strat. i paleont. no. 3, 1951

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

KAPTARENKO - CHERNOUSOVA, O.K.

USSR/ Geology

Card 1/1 Pub. 46 - 5/19

Authors : Kaptarenko - Chernousova, O. K.

Title : Holothurian residues in Jurassic deposits of the Dnieper-Don Depression

Periodical : Izv. AN SSSR. Ser. geol. 3, 83 - 91, May - Jun 1954

Abstract : Six types of holothurian fossils of the chirodat type discovered among the Jurassic deposits of the Dnieper-Don River basin are described. Seven references: 1 USSR; 4 German and 2 French (1866 - 1951). Illustrations.

Institution:

Submitted:

KAPTARENKO-CHERNOUSOVA, O.K.

Stratigraphy of the Paleogenic Deposits of Black Sea Depression According to the Foraminiferal Fauna (Ukrainian, with resume in Russian). Geologichniy zh., 13, No 3, 1953, 15-24

On the basis of a study of the extensive micropaleontological material available, the general characteristics of the paleogenic deposits of the Black Sea depression are given and a comparison is made with the deposits of the Dnepr-Donets depression and North Caucasus. The paleogenic deposits are studied in the following three regions; Odessa, Melitopol', and Voznesensk. (RZhGeol, No 1, 1954)

SO: W-31128, 11 Jan 55

KAPTARENKO-CHERNOUSOVA, O.K.

KAPTARENKO-CHERNOUSOVA, O.K.; BONDARCHUK, V.G., vidp. red.; SYENCHENKO, Ye.M.,
red.; SIVACHENKO, Ye.K., tikhn. red.

[Foraminifers from the Kiev formation of the Dnieper-Donets De-
pression and the northwestern outskirts of the Donets Basin] For-
manifery kyiv's'koho ʃaru Dniprova'ko-Donetskoi zapadyny ta piv-
nichno-zakhidnykh okrain Donets'koho baseinu. Kyiv, Vyd-vo Akad.
nauk Ukrains'koi RSR, 1956. 163 p. (Akademija nauk URSR, Kiev.
Instytut geologichnykh nauk. Trudy. Seriia stratygrafii i paleon-
tologii. No.6). (MIRA 10:9)

1. Diysniy chlen Akademii nauk URSR (for Bondarchuk).
(Dnieper Lowland--Foraminifera, Fossil)
(Donets Basin--Foraminifera, Fossil)

KAPTARENKO-CHERNOUSOVA, O. K.

15-1957-7-8968

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
pp 13-14 (USSR)

AUTHOR: Kaptarenko-Chernousova, O. K.

TITLE: On the Stratigraphic Scheme of the Mesozoic Rocks of
the Dnepr-Donets Basin, the Northwestern Border of the
Donets Basin, and the Black Sea Basin (K strati-
graficheskoy skheme mezozoyskikh otlozheniy Dneprovsko-
Donetskoy vpadiny, severo-zapadnykh okrain Donetskogo
basseyna i Prichernomorskoy vpadiny)

PERIODICAL: V. sb.: Tr. Vses. soveshchaniya po razrabotke uni-
fitsir. skhemy stratigr. mezozoyskikh otlozheniy Rus.
platformy, Leningrad, 1956, pp 83-86

ABSTRACT: A report is given of the stratigraphic scheme of the
Jurassic and Cretaceous rocks of the Dnepr-Donets
basin, the northwestern border of the Donets basin,
and the Black Sea basin. The boundary between Trias-
sic and Jurassic is placed provisionally between the

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15-1957-7-8968

On the Stratigraphic Scheme of the Mesozoic rocks of the Dnepr-Donets Basin, the Northwestern Border of the Donets Basin, and the Black Sea Basin (Cont.)

Protopivskiy and the Novorayskiy series. Lower Jurassic rocks are absent in the northwestern part of the Dnepr-Donets basin, but the Middle Jurassic is represented by continental littoral sediments. In the southeastern part the section is similar to that of the northwestern border of the Donets basin. Continental rocks with plant remains form the Lower Jurassic section; but the Toarcian is represented by marine rocks with arenaceous foraminifers. The Aalenian was placed in the Middle Jurassic, and in it there occurs not only the universally accepted upper Ludwigia murchisonae zone but also a L. concava zone; the Stephanoceras humphresianum zone, however, is referred to the Bajocian. The Lower Bathonian is represented by marine deposits, the Upper Bathonian and Lower Callovian by continental rocks. Four horizons with arenaceous and calcareous foraminifers were identified in the shallow-water deposits of the Lower and Middle Jurassic; among these epistomids are especially important. Tuffaceous sandstones were encountered in several drill holes at the base of

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15-1957-7-8968

On the Stratigraphic Scheme of the Mesozoic rocks of the Dnepr-Donets Basin, the Northwestern Border of the Donets Basin, and the Black Sea Basin. (Cont.)

the Bathonian. It is proposed to eliminate the Keppelerites calloviensis zone from the unified scheme, to differentiate a Keppelerites goverianus zone above the Cardioceras elatmae zone, and to distinguish an independent Cosmoceras jason zone in the lower part of the Middle Callovian. The Cardioceras cordatum, Perisphinctes plicatilis, and Cardioceras alternans zones are differentiated in the Oxfordian clays of the Dnepr-Donets basin. In the Oxfordian of the northwestern border of the Donets basin the zone of Cardioceras cordatum, C. ziteni and the zone of Perisphinctes morteli, P. plicatilis, and P. achilles are distinguished. Sandstones and red-brown clays lying above these belong to the Jurassic and Lower Cretaceous. Similar beds in the northwestern Donets basin are placed in the Zavodskiy series. Above this occur continental variegated and red clays with layers of sand, belonging to the Lower Cretaceous. In localized areas Haplophragmoides nonionoides Reuss, a species widely distributed in the Barremian,

Card 3/4

KAPTAHENKO-CHERNOUSOVA, O.K.

Species formation and systematics of Jurassic Epistominids.
Vop.mikropaleont. no.1:49-61 '56. (MLRA 9:12)

1. Institut geologicheskikh nauk Akademii nauk USSR.
(Paleontology, Stratigraphic)
(Foraminifera, Fossil)

KAPTARENKO-CHERNOUSOVA, O. K.

15-1957-7-9021

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 27 (USSR)

AUTHOR:

Kaptarenko-Chernousova, O. K.

TITLE:

On New Foraminifer Genera of the Epistominid Family
(O novykh rodakh foraminifer iz semeystva epistominid)

PERIODICAL:

Dopovidi AN UkrSSR, 1956, Nr 2, pp 157-161

ABSTRACT:

Three new genera have been identified in the Jurassic
deposits of the Dnepr-Donets basin; they are distin-
guished principally by the number of apertures and by
the position of the supplementary aperture. Praela-
markina n. g. has one principal aperture, a slit at
the base of the apertural face of the last chamber.
Lamarkella n. g. has two apertures, with the supple-
mentary position in the middle part of the chamber.
Garantella n. g. also has two apertures, principal and
supplementary; the latter extends along the central

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15-1957-7-9021

On New Foraminifer Genera of the Epistominid Family (Cont.)

suture as a large rhombic opening. All supplementary apertures are situated on the ventral side. The genetic relations of the genera follow. The most primitive are Praelamarkina (Lower Aalenian-Lower Callovian) and Lamarkina (Lower Aalenian); in the latter the supplementary apertures occur at the umbilical end of the chamber. Further supplementary apertures move across to the middle chambers (Lamarkella, Lower Aalenian, abundant in the Bajocian) and along the central suture (Garantella, Upper Bajocian). In the Upper Jurassic (Callovian-Oxfordian) numerous species appear which have the aperture at the periphery (Epistomina). In further development the aperture moves to the dorsal side (Alaena, Eocene); or two supplementary apertures are present near the peripheral edge, one on the dorsal and one on the ventral side (Mississippina, Oligocene). Jurassic epistominids of Poland and France show the same direction of development as those in the Ukrainian Jurassic rocks.

Card 2/2

V. A. Krasheninikov

15-57-4-4173

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr. 4,
pp 19-20 (USSR)

AUTHOR: Kaptarenko-Chernausova, O. K.

TITLE: Foraminifers in the Kiyev Series of the Dnepr-Donets
Basin and the Northwestern Border of the Donets Basin
(Foraminifery kiyevskogo yarusa Dneprovsko-Donetskoy
vpadiny i severo-zapadnykh okrain Donetskogo basseyna)

PERIODICAL: Tr. In-ta geol. nauk. AN URSR, ser. stratigrafii i
paleontol., 1956, Nr 8, 164 pp.

ABSTRACT: The Kiyev series is divided into the following units in
the Dnepr-Donets basin: 1) KW₁--phosphoritic sands with
Clavulina Szaboi Hantken; 2) KW₂--marl with foraminiferal
groups of the Kiyev stage, subdivided into the KW₂¹ with acarids and the KW₂² without acarids (the
Lower Radiolarian beds occur in the middle of KW₂¹ and
the Upper Radiolarian beds occur in the upper part of
KW₂¹; and in the upper part of KW₂², layers with small
bolivinids are found); 3) KW₃--noncarbonatic clays with

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Foraminifers in the Kiyev Series (Cont.)

15-57-4-4173

few agglutinated foraminifers in the lower part and argillaceous loam in the upper part, barren of microfossils. Above this unit occur sandy clays of the Khar'kov series, also without microfossils. On the northwestern border of the Donets Basin, KW_2^1 and the lower part of KW_2^2 consist of sandy marl with foraminiferal groups of the Kiyev series. In the lower part they contain acarids and Clavulina szaboi. The upper part of KW_2^2 consists of marly clays with agglutinated foraminifers and a very small admixture of calcareous forms. KW_3 contains noncarbonatic clays, with agglutinated foraminifers and radiolarians in the lower part, radiolarians and sponge spicules in the middle part, and sponge spicules and diatom shells in the upper part. The author describes 13 families, 31 genera, 123 species, and 4 varieties of foraminifers. Of these, one genus (Reophacella, type R. compressa) and seven species (Reophacella compressa, Haplophragmoides kiewensis, Frankeina crassa, Textularia flexibilis, T. bella, T. minuta, and Gaudryina globosa) are new. The paper includes 11 tables and a bibliography with 25 references.

Card 2/2

N. N. S.

KAPTARENKO-CHERNOUSOVA, O.K.

AUTHOR:

Kaptarenko-Chernousova, O.K.

21-5-21/26

TITLE:

On the Microfauna of the Albion Deposits of the Middle Dnepr-Area (O mikrofaune Al'biskikh otlozheniy Srednego Pridneprov'ya)

PERIODICAL:

Dopovidi Akademii Nauk Ukrains'koi RSR, 1957, Nr 5, pp. 508-511 (USSR)

ABSTRACT:

The article describes general characteristics of the Albion foraminifera in the Dnepr-Donets depression. Investigating numerous samples of arenaceous-argillaceous sediments underlying the Senoman, foraminifera were found only in the Middle Dnepr area, in the Poltava, Cherkassy and Kiyev oblast's. The Albion foraminifera markedly differ from those in the Jurassic and overlying Senoman sediments by their external features and species distribution. They are small shells with compact calcareous white walls. The Lagenidae family prevails among the 45 species of foraminifera found. All of these species are animals of open seas with normal salinity. The insufficient study of the Lower-Cretaceous foraminifera does not make possible to determine exactly the formation of the rocks containing them, but in general it correlates with the Albion sediments of the southern Emba and Mangyshlak in the east and

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21-5-21/26

On the Microfauna of the Albian Deposits of the Middle Dnepr Area
with those of south-western Germany, France and southern Eng-
land in the west, in particular with foraminifera-containing
rocks of Western Europe.
The article contains 1 map and 17 references, 13 of which are
Slavic.

ASSOCIATION: Institute of Geological Sciences of the AN Ukrainian SSR
(Instytut heolohichnykh nauk AN URSR)

PRESENTED: By V.G. (V.H.) Bondarchuk, Member of the AN Ukrainian SSR

SUBMITTED: 16 January 1957

AVAILABLE: Library of Congress

Card 2/2

KAPTARENKO, O.K.; ANTONOV A. Z.; KALUGINA, O.M.

Correlation of Jurassic deposits in the Ukrainian S.S.R. with those
in the northern Caucasus on the basis of Formainifera. Geol. zhur.
17 no.3:88-90 '57. (MIRA 11:2)
(Ukraine--Geology, Stratigraphic)
(Caucasus, Northern--Geology, Stratigraphic)

AUTHOR: Kaptarenko-Chernousova, O.K. 21-58-7-21/27

TITLE: Zonal Subdivision of Kiiev Stage Deposits (Zonal'noye raschleneniye otlozheniy Kiievskogo yarusa)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 7, pp 772-775 (USSR)

ABSTRACT: Many different approaches to the problem of classifying the Kiiev stage deposits have been advocated by various investigators; M.O. Mel'nik [Ref 2], M.M. Klyushnikov [Ref 1], N.N. Subbotina [Ref 4] and the author. The latter distinguishes two different types of deposits in the Southern part of the European USSR; the northern type, represented by arenaceous-argillaceous deposits, and the southern type, represented by marl-limestone deposits. The northern type is developed in the Dnepr-Volga area, and the southern type in the Crimea and Caucasus. The upper Eocene deposits can be used for their comparison. The author proposes a classification of the Liyev stage on the basis of microfauna distribution in the Dnepr-Donets depression, which subdivides stage strata into 7 zones: I) phosphorite sands with foraminifera and the species Clavulina szaboi; II) the lower part of the marl formation with foraminifera but without the species Clavulina szaboi; III) a thin radiolarian layer of

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Zonal Subdivision of Kiyev Stage Deposits

21-58-7-21/27

non-carbonate clays without foraminifera; IV) the middle part of the marl formation with abundant foraminifera; V) the upper radiolarian layer of carbonate clay with little foraminifera; VI) the upper part of the marl formation in which calciferous shells are gradually replaced by arenaceous foraminifera, and VII) non-carbonate clays deprived of microfauna. There are 6 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk

SUBMITTED: January 14, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Geology--USSR 2. Geological time--Determination 3. Foraminifera--USSR

Card 2/2

KAPTARENKO-CHERNOUSOVA, O.K.

Academician Pavel Apollonovich Tutkovskii. Geol. zhur. 18 no.1:100-101
'58. (MIRA 11:5)
(Tutkovskii, Pavel Apollonovich, 1858-1930)

KAPTARENKO-CHERNOUSOVA, O.K.

AYZENVERG, D.Ye., geolog; BALUKHOVSKIY, N.F., geolog; BARTOSHEVSKIY, V.I., geolog; BASS, Yu.B., geolog; VADIMOV, N.T., geolog; GLADKIY, V.Ya., geolog; DIDKOVSKIY, V.Ya., geolog; YERSHOV, V.A., geolog; ZHUKOV, G.V., geolog; ZAMORIY, P.K., geolog; IVANTISHIN, M.N., geolog; KAPTARENKO-CHERNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog; KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.N., geolog; KRASHENINNIKOVA, O.V., geolog; KUTSYBA, A.M., geolog; LAPCHIK, F.Ye., geolog; LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M., geolog; MEDYNA, V.S., geolog; MOLYAVKO, G.I., geolog; NAYDIN, D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV, S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D., geolog; SIROSHTAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHALEVICH, P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTI-NOVSKIY, Yu.B.; geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L., geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV, P.Ya., glavnyy redaktor; FILIPPOVA, B.S., red. izd-va; GUROVA, O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologiya SSSR. Glav. red. P.IA. Antropov. Vol.5. [Ukrainian S.S.R., Moldavian S.S.R.] . . . Ukrainskaia SSR, Moldavskaya SSR. Red. V.A. Ershov, N.P. Semenenko. Pt.1. [Geological description of the platform area] Geologicheskoe opisanie platformnoi chasti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nadr. 1958. 1000 p. [____ Supplement] ____ Prilozhenia.

(Continued on next card)

AYZENVERG, D.Ye.---(continued) Card 2.
3 fold.maps (in portfolio)

(MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geologii i okhrany nedr. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova). 3. Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov). 4. AN Ukrainskoy SSR (for Semenenko).

(Ukraine--Geology) (Moldavia--Geology)

YAMNICHENKO, Ivan Moiseyevich [Yamnychenko, I.M.]; KAPTARENKO-CHERNOUSOVA, O.K., prof., otd.red.; MEL'NIK, G.F. [Mel'nyk, H.F.], red.izd-va; LYAMKIN, V.Ya. [Liamkin, V.IA.], tekhn.red.

[Loxonematidae from Jurassic deposits of the Dnieper-Donets depression and the outlying regions of the Donets Basin]
Loxonematidae Jur'skykh vidkladiiv Dniprovs'ko-Donets'koi zapadyny ta okrain Donbasu. Kyiv. Vidavnytstvo AN Ukr. RSR. 1958. 43 p. (Akademiia nauk URSR. Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii, no.23)
(Dnieper Lowland--Gastropoda, Fossil)
(Donets Basin--Gastropoda, Fossil)

KAPTARENKO-CHERNOUSOVA, O.K.

Zonal division of Kiev stage deposits. Dop. AN URSR no. 7:772-775
'58. (MIRA 11:9)

1. Institut geologichnykh nauk AN USSR. Predstavil akademik
AN USSR V.G. Bondarchuk [V.H. Bondarchuk].
(Ukraine--Geology, Stratigraphic)

AUTHOR: Kaptarenko-Chernousova, O.K. SOV/21-58-10-19/27

TITLE: On the Taxonomy of Jurassic Lagenidae (K sistematike yurskikh lyagenid)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 10, pp 1110-1113 (USSR)

ABSTRACT: This paper gives an account of the present state of Jurassic Lagenidae taxonomy. The great mutability of the shell shape leads to instability of generic and specific features in this family. The principal cause of this phenomenon is assumed to be the stage of emergence and evolution of new features in Lagenidae during the Jurassic time. The author describes the groups of one-rowed, spirally curled forms and more complicated forms with a one-rowed division, saddle-like chambers, forming in the last stage of individual development. Among the latter there are cases when the distinctive features of several genera appear within one species, which is theoretically inadmissible. The author

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On the Taxonomy of Jurassic Lagenidae

SOV/21-58-10-19/27

stresses the need for a more profound study of the Foraminifera following the definite theoretical principles on the taxonomy of different specimens advanced by O.V. Fursenko, D.M. Rauzer-Chernousova and others.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk

SUBMITTED: May 31, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Geology 2. Biology 3. Bone--Determination 4. Bone--Classification

Card 2/2

KAPTARENKO-CHERNOUSOVA, O.K.; BARASH, P.Ye.; CHERNYAVSKAYA, A.A.

Stratigraphy of Paleocene sediments in the northeastern part
of the Ukrainian S.S.R. Sov.geol. 1 no.11:26-39 N '58,
(MIRA 12:4)

1. Institut geologicheskikh nauk AN USSR.
(Ukraine--Geology, Stratigraphic)

KAPTARENKO-CHERNOUSOVA, O.K.; YAMNICHENKO, I.M.; STANISLAVSKIY, F.A.
[Stanislav's'kyi, F.A.]; LIPNIK, O.S. [Lypnyk, O.S.]

Remarks on the stratigraphic plan of Mesozoic sediments in the Russian
Platform. Geol.zhur. 18 no.3:108-110 '58. (MIRA 11:11)
(Russian Platform—Geology, Stratigraphic)

DIDKOVSKIY, Valentin Yakovlevich [Didkovs'kyi, V.IA.]; KAPTARENKO-CHERNO-USOVA, doktor geologo-mineral.nauk, otd.red.; MIL'NIK, G.F. [Mel'nyk, H.P.], red.; MIL'OKHIN, I.D., tekhn.red.

[Fossil Peneroplidae in the southwestern part of the Soviet Union]
Vykopai peneroplidy pidzemno-zakhidnoi chastyi Radians'koho
Soiuzu. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 69 p.

(Ukraine--Mollusks, Fossil) (Moldavia--Mollusks, Fossil) (MIRA 13:6)

KAPTARENKO-CHERNOUSOVA, O.K.

GOLOVASHCHUK, S.I. [Holovashchuk, S.I.]; SOKOLOVSKIY, I.L. [Sokolova'kyi, I.L.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik, etv.red.; DYATKOVSKAYA, N.P. [Dziatkivs'ka, N.P.], red.-leksikograf; BABINETS, A.E. [Babynets', A.IE.], kand.geol.-mineral.nauk, red.; DYADCHENKO, M.G. [Diadchenko, M.H.], kand.geol.-mineral.nauk, red.; KAPTARENKO-CHERNOUSOVA, O.K., doktor geol.-mineral.nauk, red.; NOVIK, K.O., red.; PISKORS'KA, O.K., red.; SOROCHAN, O.A., red.; USENKO, I.S., kand.geol.-mineral.nauk, red.; SHUL'GA, P.L. [Shul'ha, P.L.], doktor teol.-mineral.nauk, red.; SHTUL'MAN, I.F., red. i-d-va; BUNIY, R.O., tekhn.red.

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(Geology--Dictionaries)

(Ukrainian language--Dictionaries--Russian language)

(Russian language--Dictionaries--Ukrainian language)

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(Dnieper Lowland--Foraminifera, Fossil)
(Donets Basin--Foraminifera, Fossil)

AYZENVERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.;
GOLYAK, L.M. [Holiak, L.M.]; GORAK, S.V. [Horek, S.V.];
DIDKOVSKIY, V.Ya. [Didkovs'kyi, V.IA.]; ZELINSKAYA, V.O.
[Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.];
KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ya. [Kraieva, IE.IA.];
KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO,
D.Ye.; MOLYAVKO, G.I. [Moliavko, H.I.]; MULIKA, A.M.; PASTERNAK,
S.I.; PERMYAKOV, V.V.; ROMODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.;
SOKOLOVSKIY, I.I.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.;
SHUL'GA, P.L. [Shul'ha, P.L.], doktor geol.-mineral.nauk; YAMNICHENKO,
I.M. [Iamnychenko, I.M.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akade-
mik, otv.red.

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S.S.R. with lithofacies elements. Scale 1:2,500,000] Atlas paleo-
geografichnykh kart Ukrains'koi i Moldavs'koi RSR z elementami
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KAPTARENKO-CHERNOUSOVA, OL'GA KONSTANTINOVNA; BONDARCHUK, V.G., [Bondarchuk, V.H.], akademik, otv.red.; OVCHAROVA, Z.G. [Ovcharova, Z.H.], red. izd-va; RAKHLINA, N.P., tekhn.red.

[Jurassic Lagenidae in the northeastern part of the Ukrainian S.S.R.]
IUR's'ki liagenidy pivnichno-skhidnoi chastyyny Ukrains'koi RSR. Kyiv,
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O.K., doktor geol.-mineral.nauk, otd.red.; CHEKHOVICH, N. Ya.,
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KAPTALENKO-CHERNOUSOVA, O.K., doktor geol.-miner.nauk, prof.

A man of indefatigable quests. Nauka i zhyttia 10 no.7:
26-27 Jl '60. (MIRA 13:7)
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Jurassic and lower Cretaceous stratigraphy of sediments in the platform area of the Ukrainian S.S.R based on the foraminiferal fauna. Geol. zhur. 20 no.2:5-15 '60. (MIRA 14:5)
(Ukraine—Geology, Stratigraphic)

KAPTARENKO-CHERNOUSOVA, O.K.

International conference on the Mesozoic. Geol. zhur. 20 no.2:
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BONDARCHUK, V.G., akademik, otv.red.; PORFIR'YEV, V.G., akademik, red.; KOZIN, Ya.D., doktor geol.-miner.nauk, red.; KAPTARENKO-CHERNOUSOVA, O.K., doktor geol.-miner.nauk, red.; SHUL'GA, P.L., doktor geol.-miner.nauk; KLIMENKO, V.Ya., kand.geol.-miner.nauk, red.; MOLYAVKO, G.I., kand.geol.-miner.nauk, red.; KLITOCHENKO, I.F., red.; MUROMTSEV, A.S., red.; MUKHIN, A.V., red.; CHERPAK, S.Ye., red.; MANVELOVA, K.K., mladshiy nauchnyy sotrudnik, red.; MEL'NIK, A.F., red.izd-va; MILEKHIN, I.D., tekhn.red.

[Geology, and oil and gas potentials of eastern regions in the Ukraine; proceedings of the conference on oil and gas potentials of the Ukraine] Geologicheskoe stroenie i neftegazonosnost' vostochnykh oblastei Ukrayny; trudy nauchno-proizvodstvennogo soveshchaniia po problemе neftegazonosnosti Ukrayny, 27 fevralia - 3 marta 1956 g. Kiev, 1959. 436 p. (MIRA 13:3)

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2. AN USSR (for Bondarchuk, Porfir'yev).
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4. Direktor Ukrainskogo otdeleniya Vsesoyuznogo nauchno-issledovatel'skogo geologo-razvedochnogo neftyanogo instituta (VNIGNI) (for Muromtsev).
5. Glavnyy inzhener tresta "Ukrneftegeofizika" (for Mukhin).
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(Ukraine--Petroleum geology) (Ukraine--Gas, Natural--Geology)

KAPTARENKO-CHERNOUSOVA, O.K.

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(Foraminifera, Fossil)

DIDKOVSKIY, Valentin Yakovlevich [Didkovs'kyi, V.IA.]; KAPTARENKO-CHERNOUSOVA,
~~osk.~~ doktor geol.-mineral.nauk, otd.red.; POKROVSKAYA, Z.S.
[Pokrov's'ka, Z.S.], red.izd-va; LISOVETS, O.M. [Lysovets', O.M.],
tekhn.red.

[Miliolids of Neogene formations in the southwestern part of the
Russian Platform. Miliolidy neogenovykh vidkladiv pivdenno-zakhidnoi
chastyny Rosiis'koi platformy. Kyiv, Vyd-vo Akad.nauk Ukrains'koi
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queloculina ta Triloculina. 1961. 121 p. 23 tables. (Akademiia
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KAPTARENKO-CHERNOUSOVA, O.K.

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(Foraminifera, Fossil)

KRAYEVA, Yelizaveta Yakovlevna [Kraieva, YE.Ya.]; KATARENKO-CHERNOUSOVA,
O.K., prof., doktor geol.-miner. nauk, otd. red.; ZAVIRYUKHINA,
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KAPTARENKO-CIERNOUSOVA, Ol'ga Konstantinovna; BONDARCHUK, V.G.
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[Didkovs'kiy, V.IA.], kand. geol.-min. nauk, red. vypuska;
MEL'NIK, G.F.[Mel'nyk, H.F.], red.; LISOVETS, O.M., tekhn.
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[Lenticulina in Jurassic sediments of the Dnieper-Donets Lowland
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(Donets Basin—Protozoa, Fossil)

KAPTARENKO-CHERNOUSOVA, O.K.; PERMYAKOV, V.V.

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1. Institut geologicheskikh nauk AN USSR.
(Ukraine--Geology, Structural)(Moldavia--Geology, Structural)

LIPNIK, Yelena Semenovna [Lyptyk, O.S.]; KAPTARENKO-CHERNOUSOVA, O.K.,
prof., doktor geol.-min.nauk, otd.red.; POKROVSKAYA, Z.S.
[Pokrovs'ka, Z.S.], red.; LISOVETS, O.M. [Lysovets', O.M.],
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[Foraminifera and stratigraphy of Upper Cretaceous sediments
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(Dnieper Donets Lowland--Geology, Stratigraphic)
(Dnieper Donets Lowland--Foraminifera, Fossil)

KAPTARENKO-CHERNOUSOVA, Ol'ga Konstantinovna, doktor geol.-miner.
nauk, prof.; GOLYAK, Lyudmila Markovna, inzh.;
ZERNETSKIY, Boris Fedorovich, kand. geol.-miner. nauk;
KRAYEVA, Yelizaveta Yakovlevna, kand. geol.-miner. nauk;
LIPNIK, Yelena Semenovna, mlad. nauchn. sotr.; DIDKOVSKIY,
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[Atlas of typical Jurassic, Cretaceous, and Paleogene
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KAPTARENKO-CHERNOUSOVA, Ol'ga Konstantinovna, prof., doktor geol.-min.nauk;
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kand.geol.-miner.nauk; KRAYEVA, Yelizaveta Yakovlevna, kand.
geol.-miner.nauk; LIPNIK, Yelena Semenovna, mladshiy nauchnyy
sotrudnik; DIDKOVSKIY, V.Ya., starshiy nauchnyy sotrudnik, otv.red.;
MEL'NIK, A.F., red.; MATVEICHUK, A.A., tekhn.red.

[Atlas of characteristic foraminifers of the Jurassic, Cretaceous,
and Paleogene in the platform part of the Ukraine] Atlas
kharakternykh foraminifer iury, mela i paleogena platformennoi
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(Ukraine—Foraminifera, Fossil)

SELIN, Yuriy Ivanovich; KAPTARENKO-CHERNOUSOVA, O.K., nauchn. red.

[Stratigraphy and Oligocene mollusks in the Bol'shoy Tokmak manganese ore region] Stratigrafiia i molluski oligotsena Bol'she-Tokmakskogo margantsevorudnogo riona. Moskva, Izd-vo "Nedra," 1964. 238 p.
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OKUNEV, V.; ISAKOV, Yu.; KAPSUDIN, S., vospitatel'; KHANCHIN, A.

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(Vocational education)

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KAPITALAN, M.

Contributions to the study of macromycetes in the Harghita Mountains.

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SOURCE: East European Accessions List, Vol. 5, No. 10, Library of Congress, Oct. 1956.

BENEDIKT, Mikola Mesterovich; GOLOVINS'KIY, Leontiy Kuz'mich, KAPITANIVSKIY,
Oleksaiy Danilovich; KREMIES'KA, Galina Danilivna, KUZ'MINS'KIY,
Volodimir Grigorovich; KOZAK, P.Ye., redaktor; POLITIYENKO, S.P.,
tekhnichniy redaktor

[Tractors; a textbook for students in secondary schools] Traktory;
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(Tractors)

SIGMOND, Gyorgy, dr.; SIKLOSI, Peter; KAPTAJ, Gyorgy

Correlation computation by electroic calculating machines
at alumina factories. Koh lap 95 no.3:97-102 Mr '62.

KAPTAY, Gyorgy; KRALIK, Bela

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DOBOS, Gyorgy, dr.; KAPTAY, Gyorgy, kutatomernok; OSVALD, Zoltan, kutatomernok

Obtaining iron and aluminum from the Hungarian red mud. Koh lap 98
no.1:14-19 Ja '65.

1. Director General, Hungarian Aluminum Industry Trust, Budapest
(for Dobos). 2. Almasfuzito Alumina Factory (for Kaptay). 3. Research
Institute of Metal Industry, Budapest (for Osvald).

CHERCHENKO, G.V.; KAPTEL', O.I.; KUZNETSOV, Ye.L.; KHOZHAYLOV, N.K.

Measuring the density of formation oils. Trudy Giprosvostoknefti
no.3:338-352 '61. (MIRA 14:12)
(Petroleum--Density)

KAPTEL', O.I.

Theoretical development of the float method for measuring the density of formation oils. Trudy Giprovostoknefti no.3:373-390 '61.

(Petroleum--Density)

(MIRA 14:12)

11.1000
S/081/62/000/008/024/057
B160/B101

AUTHORS: Kaptel', O. I., Kuznetsov, Ye. L., Khozhaylov, N. K.,
Chernenko, G. V.

TITLE: Float instrument with ultrasonic positioning of the float,
for measuring the density of a liquid under pressure

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 8, 1962, 148, abstract
8Ye12 (Sb. "Primeneniye ul'traakust. k issled. veshchestva".
no.14. M., 1961, 323 - 336)

TEXT: The calculations for a float-type instrument for determining the
density of a liquid under pressure are given and its sensitivity is
indicated. Electrical and ultrasonic methods of positioning the float
are discussed. The maximum error in density introduced by the electrical
method is $7 \cdot 10^{-5}$ g/cm³. Calculations are given for an ultrasonic float-
positioning method based on the changes in amplitude of a reflected pulse
which accompany changes in the orientation of the reflector and crystal
planes in relation to each other. The ultrasonic method was checked
experimentally. At a frequency of 30 Mc/s the ultrasonic method provides
Card 1/2

✓B

Float instrument with ultrasonic...

S/081/62/000/008/024/057
B160/B101

sufficient accuracy in determining the density of a liquid. The instrument was calibrated with mixtures of alcohol and water. Check measurements show the mean arithmetic error in determining density to be about 0.4%. The results of measuring the densities of petroleum in strata of the Chubovka deposit at pressures of 35-300 atm are given. The petroleum's coefficient of compressibility is $6 \cdot 10^{-5}$ g/cm²atm. [Abstracter's note: Complete translation.]

Card 2/2

CHERCHENKO, G.V.; KAPTEL', O.I.; KUZNETSOV, Ye.L.; KHOZHAYLOV, N.K.

Measurement of the density of crude oils. Trudy Giprovostok-nefti no.3:338-352 '61. (MIRA 16:7)

(Petroleum-Density)

KAPTEL', O.I.

Theoretical development of the float method for measuring the
density of crude oils. Trudy Giprovostoknefti no. 3:373-390
'61. (MIRA 16:7)

(Petroleum-Density)

KAPTELIN, A.F.

Physical therapy in fractures of femoral diaphysis. Med. sestra
no.7:8-11 Jl '54. (MLRA 7:7)

1. Nauchnyy sotrudnik TSentral'nogo instituta traumatologii
i ortopedii Ministerstva zdravookhraneniya SSSR, Moskva.

(HIP, fractures

*diaphysis, phys. ther.)

(FRACTURES

*hip diaphysis, phys. ther.)

(PHYSICAL THERAPY

*fract. of hip diaphysis)

KAPTELIN, A.F. (Moskva)

Therapeutic exercise for spinal fractures. Med. sestra no.12:12-17
D '55. (MIRA 9:3)

1. Nauchnyy sotrudnik TSentral'nogo instituta travmatologii i
ortopedii Ministerstva zdravookhraneniya SSSR.
(SPINE--FRACTURE) (EXERCISE THERAPY)

LIST, Ye.V.; KAPTELIN, A.F.

Wire splints for patients recovering from poliomyelitis. Pediatris
no.11:80-83 N '57. (MIRA 11:2)

1. Iz TSentral'nogo instituta travmatologii i ortopedii (dir. -
chlen-korrespondent AMN SSSR prof. N.I.Priorov)
(POLIOMYELITIS) (SPLINTS (SURGERY))

KAPTELIN, A.F., nauchnyy sotrudnik.

Exercise therapy in poliomyelitis. Med. sestra 16 no.3:6-12 - No DR-TE.
(MLRA 10:5)

1. Iz TSentral'nogo instituta travmatologii i ortopedii, Moskva.
2. (POLIOMYELITIS) (EXERCISE THERAPY)

KAPTELIN, A.F.

Lateral deformation of the spine, its prevention and treatment.
Med,sestre 17 no.1:14-20 Ja '58. (MIRA 11:2)
(SPINE--ABNORMALITIES AND DEFORMITIES)

KAPTELIN, A.F.

BUROVTSEVA, G.R.; KAPTELIN, A.F.

Treating poliomyelitis during the early period through bed position, massage, and exercise. Vop.okh.mat.i det. 3 no.2:26-32 Mr-Ap '58. (MIRA 11:3)

1. Iz Instituta nevrologii Akademii meditsinskikh nauk SSSR (dir.-prof. N.V.Konovalov) i TSentral'nogo instituta travmatologii i ortopedii Ministerstva zdravookhraneniya SSSR (dir-prof. N.N. Priorov)

(POLIOMYELITIS)

VIL'CHUR, Ovsey Moiseyevich; KAPTELIN, Aleksey Fedorovich

[Physical therapy and exercise therapy for children recovering from poliomyelitis; a practical manual] Fizioterapiia i lechebnaia gimnastika dlia detei v vospstanovitel'nom periode poliomyelita; metodicheskoe posobie. Moskva, Medgiz, 1958. 30 p. (MIRA 12:3)
(PHYSICAL THERAPY) (POLIOMYELITIS)

KAPTELIN, A.P.; KNYAZEVA, G.R.

Prevention of deformations in the locomotor apparatus in acute and convalescent periods of poliomyelitis. Vop. okh. mat. i det. 4 no.6: 8-12 N-D '59. (MIRA 13:4)

1. Iz Instituta travmatologii i ortopedii (direktor - deystvitel'-nyy chlen AMN SSSR prof. N.N. Priorov) Ministerstva zdravookhraneniya SSSR i Instituta nevrologii AMN SSSR (direktor - deystvitel'-nyy chlen AMN SSSR prof. N.V. Konovalov).

(POLIOMYELITIS)

(MUSCULOSKELETAL SYSTEM-ABNORMALITIES AND DEFORMITIES)

KAPTELIN, A.F. (Moskva)

Prevention and treatment of platypodia. Med.sestra 19 no.8:21-
25 Ag '60. (MIRA 19:7)
(FOOT--ABNORMALITIES AND DEFORMITIES)

KAPTELIN, Aleksey Fedorovich; DMITRIYEVA, N.M., red.; LYUDKOVSKAYA,
N.I., tekhn. red.

[Prevention of some deformations of the supporting motor ap-
paratus in children] Profilaktika nekotorykh deformatsii oporno-
dvigatele' nogo apparata u detei. Moskva, Medgiz, 1962. 118 p.

(MIRA 15:6)

(MUSCULOSKELETAL SYSTEM--DISEASES)

KAPTELIN, A.F.

Method of reconstructive treatment following reduction of
an elbow joint dislocation. Ortop., travm. i protez. no.8:
22-25 '62. (MIRA 17:10)

1. Iz TSentral'nogo instituta travmatologii i ortopedii (dir.-
doktor med. nauk M.V. Volkov).

KAPTELIN, A.F. (Moscow)

Medical gymnastics in fractures of the humerus. Med.sestra
20 no. 12:22-26 D '61. (MIRA 15:3)
(EXERCISE THERAPY)
(HUMERUS--FRACTURE)

NIKIFOROVA, Ye.K., zasluzhennyy deyatel' nauki; VOLKOV, M.V., prof.;
KAPTELIN, A.F., starshiy nauchnyy sotrudnik.

Detection and early treatment of postural defects and scoliosis
in children. Khirurgiia 39 no.4:109-114 Ap'63 (MIRA 17:2)

1. Iz TSentral'nogo instituta travmatologii i ortopedii (dir.
prof. M.V.Volkov) Ministerstva zdravookhraneniya SSSR.

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L.K., red.

[Treatment of the sequelae of poliomyelitis at home; advice
to parents] Lechenie posledstvii poliomielita v domashnikh
usloviakh; sovety roditeliam. Moskva, Meditsina, 1965.
70 p. (MIRA 18:4)

KAPTELM, A.F.

Method of using exercise therapy in closed fractures of the
elbow bones. Vop. kur., fizioter. i lech. fiz. kul't. 30
no.1:22-28 Ja-F '65. (NRA 18:8)

1. Tsentral'nyy institut travmatologii i ortopedii (doktor med. nauk M.V. Volkov), Moskva.

KAPTELIN, A.F.

Set of appliances for restorative treatment following surgical
elimination of a congenital dislocation of the hip. Ortop.,
travm. i protez. 26 no.5:76-79 My '65. (MIRA 18:10)

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chlen-korrespondent AMN SSSR prof. M.V. Volkov).

KAPTELIN, A.F. (Moskva, Kropotkinskiy pereulok, d.24, kv.1-a)

Restoring the normal form of the spine in a child with second-degree scoliosis. Ortop., travm. i protez. 26 no.4:62-64 Ap '65. (MIRA 18:12)

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KAPTELIN, G., instruktor

General physical education instructor. Mast. ugl. 7 no. 6:21
Ja '58. (MIRA 11:7)

1. Orgotdel TSentral'nogo sovet Dobrovol'nogo sportivnogo obshchestva.
(Physical education and training)

KHALIKOV, G.A.; KAPTELININ, N.D.

Investigation of wells in the case of bottom pressure
falling below saturation pressure. Vest. AN Kazakh. SSR
19 no.11:48-52 N°63. (MIRA 17:5)

KAPTELININ, Yu.

With airplane modelmakers of Bashkiria. Kryl.rod. 6 no.9:10 S'55.
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1. Instruktor komiteta Dobrovol'nogo obshchestva sodeystviya armii
aviatsii i flotu Bashkirskoy ASSR.
(Bashkiria--Airplanes--Models)

KAPTELIN, Yu.P.

Equation of state for the creep of cold-worked copper. Sber.
trud. LIIZHT no.192,5-47 '62.

TR-2 machine intended for creep tests used in relaxarion
tests. 49-61 (MIRA 16:9)

K. PUBLIM, Yr.P., assistant

Reproducing stone-cutting supplies for use in laboratories. Spec. MIZRE
no. 12:112-115 '59. (MIRA 12:11) (MIRA 12:11)
(Stonecutting--Equipment and supplies)

KAPTELIN, Yu.P.

Approximate estimation of the effect of cold hardening on the
subsequent creep according to a reduced number of experiments.
Sbor. trud. LIJZHT no.229:53-60 '64. (MIRA 18:8)

10.7300
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25446
S/137/61/000/006/074/092
A006/A101

AUTHOR: Kapterin, Yu.P.

TITLE: On the problem of the analytical interpretation of phenomena connected with changes in time of the stressed-strained state

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 6, 1961, 38-39, abstract 6Zh251 ("Sb. tr. Leningr. in-t zh.-d. transp.", 1960, no. 174 (8), 71 - 128)

TEXT: The author studied problems connected with the development of a theory of changes in time of the stressed-strained state, occurring in metals at high temperatures. The following two problems are set up: 1) to express mathematically regularities, observed during creep, relaxation and endurance tests of the specimens; 2) to develop a method that is based on data obtained from plain parts and structures of long-lasting performance at high temperatures and variable complex strained state. The investigations were made with pure "M-1" grade Cu. Preheated specimens were subjected to creep tests at 200°C and 4.05 - 10.8 kg/mm² stresses for 400 - 500 hours. Creep problems and the existing theory of

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S/137/61/000/006/074/092
A006/A101

On the problem of the analytical interpretation ...

creep are discussed (strengthening, aging, Yu.N. Rabotnev's hereditary theory, and L.M. Kachanov's theory of flow); characteristics of creep theories are compared; methods are presented of plotting relaxation curves from creep curve series. None of the existing theories of creep explains completely all phenomena of changes in time of the strained-stressed state, since each of the analyzed theories includes a considerable number of empirical coefficients, determined from experiments and only characteristic of the given material under definite conditions. It is assumed that the cause of changing the stress-strained state in time is to be searched for in the energy changes which occur in the material during its extended performance at high temperatures. These investigations should be conducted jointly with the study of physical processes occurring in the materials during creep and relaxation. There are 47 references.

Z. Fridman

[Abstracter's note: Complete translation]

Card 2/2

KAPTEIN, Yu.P., inzh.

The precision of measuring deformations on the "IP-2" machine
intended for testing for creep. Sbor. trud. LIIZHT no.174:
51-70 '60. (MIRA 15:11)
(Materials—Testing)

KAPTELIN, Yu.P., inzh.

The problem of analytical interpretation of phenomena connected
with a change in the stress-deformation state over a period of
time. Sbor. trud. LIIZHT no.174:71-128 '60. (MIRA 15:11)
(Materials--Testing)

L 65084-65 EWP(w)/EWF(w)/T/EWF(t)/EWF(-), EWP(s) EWA, s

Ar 1985

SCIENTIFIC AND TECHNICAL INFORMATION REPORT NUMBER

ARTICLE: Secondary creep and work hardening

TITLE: An approximate evaluation of effects of work hardening on creep resistance of aluminum alloy 6061-T6 series

TRANSLATOR: G. V. K. Rao, Ph.D., M.A.S.T.

TOPIC TAGS: secondary creep, work hardening, abbreviated evaluation procedure

TRANSLATION: The article describes a procedure combining estimation of

secondary creep and work hardening of aluminum alloy 6061-T6

and the effect of work hardening on the creep resistance of the material.

Satisfactory agreement is obtained between experimental results and theory by using the proposed procedure. Five illustrations

SUB CODE: IE, MM

ENCL: 00

Card 1/1 *MLR*

KAPTELKIN, A.I., insh.; CHERNYSHEV, V.B.

Giving electric light to consumers from high-voltage lines of
automatic block systems. Avtom., telem. i svyazi no.5:18-21
My '58. (MIRA 11:5)
(Railroads--Signaling--Block system)
(Electric lighting)

KAPTEKIN, A.I., inzh.; CHERNYSHOV, V.B., inzh.

Supplying consumers on the line with electric light from high-voltage lines of automatic block systems. Avtom., telem. i sviaz' 2 no.6:8-11 Je '58. (MIRA 11:6)
(Railroads--Electric equipment)

KAFTEKIN, M.

Vozrozhdenie magistrali. Zapadnaia zheleznaia doroga. [The reactivation of a trunk line: Western railway]. (Zhel-dor. transport, 1943, no. 11, p. 66-74)

DLC: HE7.25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

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DLC: HE7.25

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.